

**WHAT IS CLAIMED IS:**

1. An audio reproducing apparatus comprising:

audio reproducing device for reproducing audio information;

discriminating device for discriminating sound stream  
contained in the audio information;

storing device for storing frequency character information  
set corresponding to the sound stream;

renewing device for renewing the frequency character  
information; and

control device which can perform a control so that the  
renewing device can be changed in accordance with a frequency  
character corresponding to a sound stream discriminated by the  
discriminating device, and that the audio reproducing device can  
output an audio information.

2. An audio reproducing apparatus according to claim 1, further  
comprising:

character storing device for storing a plurality of frequency  
character informations; and

selecting device for selecting a sound field corresponding  
to frequency character information stored in the character storing  
device;

wherein the control device is provided such that a sound field  
selected by the selecting device is stored in the character storing  
device, corresponding to a sound stream.

3. An audio reproducing apparatus according to claim 1 or 2, wherein the discriminating device is provided to discriminate, as a sound stream, one or more of audio coding mode, quantization, sampling frequency and the number of audio channels.

5

4. An audio reproducing apparatus according to any one of claims 1 to 3, wherein the discriminating device is adapted to effect an On/Off control of speakers, in accordance with an attribute of an audio stream.

10